



NCDOT Prioritization 3.0 Project Summary

SPOT ID: H090491

Mode: Highway

Status: Submitted

SR-3556 (Amboy Road/Meadow Road)

From/Cross Street: I-240

Specific Improvement Type: 1 - Widen Existing Roadway

To: US 25 (Biltmore Avenue)

Project Category: Division Needs

Length: 2.67

TIP#: U-4739

Fully Funded in Draft STIP? No

Cost to NCDOT: \$46,559,000

Description:

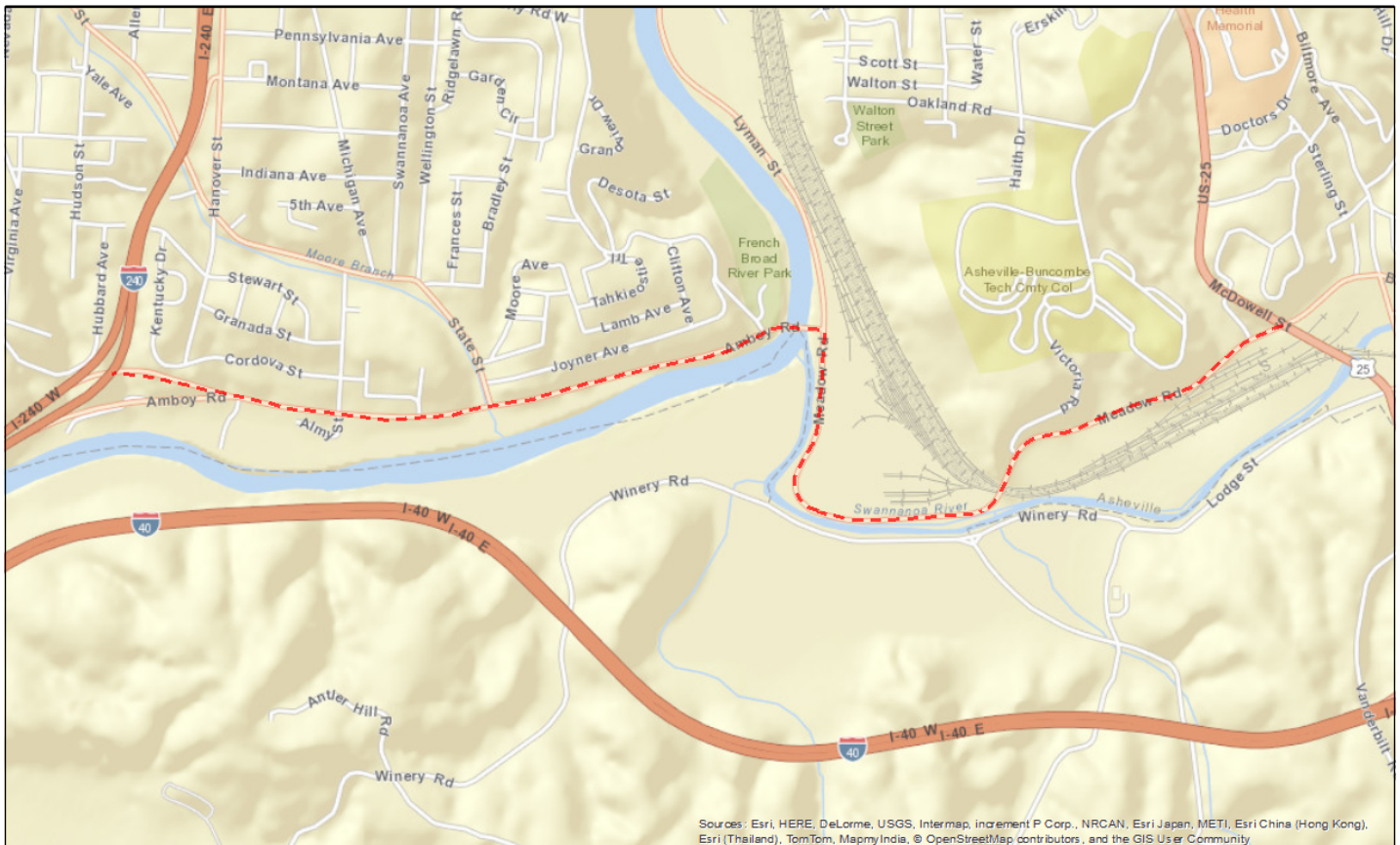
I-240 to US 25 (Biltmore Avenue). Widen to Multi- Lanes with New Bridge Over the French Broad River.

Division(s): Division 13

County(s): BUNCOMBE

MPOS(s)/RPO(s): French Broad River MPO

Project Location



Statewide Mobility Total Score: 0

Quantitative Score	Division Engineer Local Input Points	MPO/RPO Local Input Points
Totals: Weight: 0% Weighted Score: 0	N/A	N/A

Regional Impact Total Score: 0

Quantitative Score	Division Engineer Local Input Points	MPO/RPO Local Input Points
Totals: Weight: 0% Weighted Score: 0	Percent: 15% Points: 0	Percent: 15% Points: 0

Division Needs Total Score: 43.46

Quantitative Score	Division Engineer Local Input Points	MPO/RPO Local Input Points
Congestion (V/C) (20%) 48.64 Safety (10%) 85.21 [Travel Time] Benefit/Cost (20%) 1.06 Totals: Weight: 50% Weighted Score: 18.46	Percent: 25% Points: 0	Percent: 25% Points: 100

Project Data ***Existing Conditions**

Existing Cross-Section:	
Speed Limit:	38
Length (miles):	2.67
Facility Type:	Arterial
Access Control:	None
Functional Classification:	Minor Arterial
Terrain Type:	Mountainous
Lane Width:	12
Paved Shoulder Width:	0
Roadway has Curb & Gutter?	No
Volume (AADT):	11589.11
Capacity:	15800
Volume/Capacity Ratio:	0.73
% Autos:	100%
% Trucks:	0%
Truck Volume:	0
Crash Density:	95.09
Crash Severity:	93.6
Critical Crash Rate:	66.97
Crash Frequency:	0
Severity Index:	0
County Tier Designation:	3
Non-Interstate STRAHNET Route?	No
Average Commuting Time:	19
Existing Median Type (for Cost Estimation):	Undivided
Pavement Condition Rating:	94
Actual Congested Speed:	0
Travel Time Index:	0

Project Benefits

Project Cross-Section:	4C - 4 Lane Divided (23' Raised Median) with Curb & Gutter, Wide Outside Lanes, and Sidewalks
Speed Limit:	40
Length (miles):	2.67
Facility Type:	Arterial
Access Control:	Partial
Functional Classification:	Minor Arterial
Terrain Type:	Mountainous
DOT Design Lane Width:	12
DOT Design Paved Shoulder Width:	4
Travel Time Savings for 30 Years (Total):	2240393.09
Travel Time Savings for 30 Years (Autos):	2240393.09
Travel Time Savings for 30 Years (Trucks):	0
Long-Term Employment:	
% Change in Economy:	
Provides Direct Connection to Transportation Terminal?	No
Does project upgrade how the roadway functions?	No
In CTP or LRTP?	No
CTP/LRTP Name:	
CTP/LRTP Completion Year:	
Submitted by:	Division 13

* Data reflects calculations which include weighted averages (where applicable) and represent raw output from the Department's SPOT On!line tool and associated databases.

Project Ownership**Division**

Division	Percent	Regional Impact	Division Needs
Division 13	100%	0	0
	0%	0	0
	0%	0	0
TOTAL Division Points		0	0

MPO/RPO

MPO/RPO	Percent	Regional Impact	Division Needs
French Broad River MPO	100%	0	100
	0%	0	0
	0%	0	0
TOTAL MPO/RPO Points		0	100

Project Cost and Source

Construction Cost:	\$31,806,000	TIP Unit
Right-of-Way Cost:	\$13,172,000	Cost Estimation Tool
Utilities Cost:	\$1,581,000	Cost Estimation Tool
Total Project Cost:	\$46,559,000	
Other Funding:	\$0	None
Cost to NCDOT :	\$46,559,000	